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PATENT
5681-66300

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/642,928
Filed: August 18, 2003
Inventor(s):
Ray Y. Lai

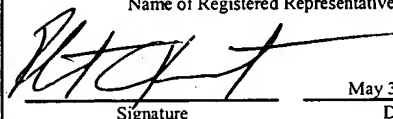
§ Examiner: Unknown
§ Group/Art Unit: 1754
§ Atty. Dkt. No: 5681-66300
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Title: STRUCTURED
METHODOLOGY AND
DESIGN PATTERNS FOR
WEB SERVICES

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below.

Robert C. Kowert

Name of Registered Representative


Signature

May 30, 2006
Date

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicant requests consideration of ☒ the references listed on the attached Form PTO-1449 and/or ☒ the additional information identified below in paragraph 3.

- ☒ Pursuant to CFR §1.98(a)(2)(i), copies of the cited U.S. patents and/or U.S. patent application publications are not enclosed.
- ☒ A copy of each non-U.S. patent and/or non-U.S. patent application publication reference listed on the Form PTO-1449 is enclosed.
- ☐ The non-U.S. patent and/or non-U.S. patent application publication references listed on the Form PTO-1449 were previously cited in application serial no. _____ to which the captioned application is seeking priority under 35 U.S.C. §120; therefore, a copy of each reference is not enclosed.

1. This Information Disclosure Statement is submitted:

- a. ☐ within 3 months of the filing date of a national application other than a continued prosecution application under § 1.53(d);
- ☐ within 3 months of the date of entry of the national stage as set forth in § 1.491 in an International application;

- ☒ before the mailing date of a first Office Action on the merits; or
- ☐ before the mailing of a first Office Action after the filing of a request for continued examination under § 1.114.
- b. ☐ after the events of above paragraph 1a and prior to the mailing date of a final Office Action or Notice of Allowance, and thus: ☐ the certification of paragraph 2 below is provided, or ☐ a fee of \$180.00 is enclosed.
- c. ☐ after the mailing date of a final Office Action or a Notice of Allowance and prior to payment of the issue fee, and thus: the certification of paragraph 2 below is provided and a fee of \$180.00 is enclosed.

2. It is hereby certified:

- ☐ that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three (3) months prior to the filing of the Statement; or
 - ☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in § 1.56 (c) more than three (3) months prior to the filing of the Statement.
 - ☐ that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and that this communication was not received by any individual designated in § 1.56(c) more than thirty (30) days prior to the filing of the information disclosure statement;
3. ☒ Consideration of the following additional information (including any co-pending or abandoned U.S. applications, prior uses and/or sales, etc.) is requested:

U.S. Application Serial No. 10/657,992	(5681-66301)
U.S. Application Serial No. 10/657,947	(5681-66302)
U.S. Application Serial No. 10/692,913	(5681-66303)

4. For each non-English language reference listed on the attached Form PTO-1449:

- ☐ reference is made to an English language translation submitted herewith, and/or

- ☐ reference is made to a foreign patent office search report (in the English language) submitted herewith, and/or
- ☐ reference is made to an English language translation of a foreign patent office search report submitted herewith, and/or
- ☐ reference is made to the concise explanation contained in the specification of the present application at page(s) _____, and/or
- ☐ reference is made to the concise explanation set forth below:
5. ☐ Applicant also offers the following comments for the Examiner's consideration:
6. ☐ Also enclosed is a copy of a foreign search report citing these references.
7. ☐ The listed documents were brought to the attention of the Applicant(s) after payment of the issue fee in the captioned case. The documents were cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. Applicant(s) request this Information Disclosure Statement and attached Form PTO-1449 be placed in the file of the captioned application.
8. ☐ Applicant(s) requests that the Information Disclosure Statement and attached Form PTO-1449 and references, which are being filed before the grant of the patent and pursuant to 37 C.F.R. § 1.97(i), be placed in the file of the captioned application.

If any required fees are missing, the Commissioner is authorized to charge said fees to Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C. Deposit Account No. 501505/5681-66300/RCK.

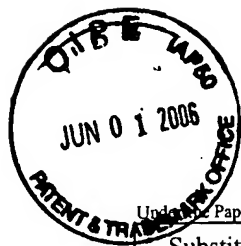
Respectfully submitted,



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Date: May 30, 2006



PTO/SB/08A (07-05)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449/PTO Modified	Complete if Known
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>	Application Number: 10/642,928
	Confirmation No.: 3868
	Filing Date: August 18, 2003
	First Named Inventor: Ray Y. Lai
	Art Unit: 1754
	Examiner Name: Unknown
Sheet 1 of 2	Attorney Docket Number: 5681-66300

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code (if known)			
		US-2006/0112367	5/25/06	Harri; Robert	
		US-2003/0163694	8/28/03	Chen, Chaing; et al.	
		US-2003/0110242	6/12/03	Brown, Kyle G; et al.	
		US-2003/0097464	5/22/03	Martinez, Frank; et al.	
		US-7,055,143	5/30/06	Ringseth, et al.	
		US-7,051,045	5/23/06	Cirinna, et al.	
		US-7,047,243	5/16/06	Cabrera, et al.	
		US-7,028,223	4/11/06	Kolawa, et al.	
		US-6,792,605	9/14/04	Roberts, et al.	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, (page(s), volume-issue number(s), publisher, city and/or country where published.	Check if English Translation is attached
	A1	Roger Wolter, "XML Web Services Basics," Microsoft Corporation, December 2001, 5 pages.	<input type="checkbox"/>
	A2	Aaron Skonnard, "The XML Files," msdn Magazine, Microsoft Corporation, 2006, 11 pages.	<input type="checkbox"/>
	A3	Aaron Skonnard, "Understand SOAP," March 2003, 2006 Microsoft Corporation, 12 pages.	<input type="checkbox"/>
	A4	Karsten Januszewski, "The Importance of Metadata: Reification, Categorization, and UDDI," September 2002, Microsoft Corporation 2006, 11 pages.	<input type="checkbox"/>
	A5	IBM and Microsoft, "Reliable Message Delivery in a Web Services World: A Proposed Architecture and Roadmap," March 13, 2003, Microsoft Corporation 2006, 8 pages.	<input type="checkbox"/>
	A6	IBM and Microsoft, "Security in a Web Services World: A Proposed Architecture and Roadmap," April 7, 2002, Version 1.0, Microsoft Corp. 2006, 20 pages.	<input type="checkbox"/>
	A7	Sun Microsystems, Inc., "Web Services Made Easier: The Java APIs and Architectures for XML A Technical White Paper," June 2002, Revision 3, 33 pages.	<input type="checkbox"/>
	A8	Dan Malks, et al., "Developing Web Services with ebXML and SOAP: An Overview," March 3, 2003, Sun Microsystems, Inc. 7 pages.	<input type="checkbox"/>

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application. ¹Applicant's unique citation designation number (optional).

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	Examiner Name: Unknown
Sheet 2 of 2	Attorney Docket Number: 5681-66300

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, (page(s), volume-issue number(s), publisher, city and/or country where published.	Check if English Translation is attached
	A9	Ed Ort, et al., "Web Services Developer Pack Part 1: Registration and the JAXR API," February 2002, Sun Microsystems, Inc., 23 pages.	<input type="checkbox"/>
	A10	Ed Ort, et al., "Part 2: RPC Calls, Messaging, and the JAX=RPC and JAXM API," October 2002, 34 pages (double sided).	<input type="checkbox"/>
	A11	Arun Gupta, et al. "Getting Started with JAX-RPC," April 2002, Sun Microsystems, Inc., 11 pages.	<input type="checkbox"/>
	A12	Qusay H. Mahmoud, "Registration and Discovery of Web Services Using JAXR with XML Registries such as UDDI and ebXML," June 2002, Sun Microsystems, Inc., 18 pages.	<input type="checkbox"/>
	A13	Heather Kreger, "Web Services Conceptual Architecture (WSCA 1.0)," IBM, May 2001, 40 pages.	<input type="checkbox"/>
	A14	Kendall Grant Clark, "A Tour of the Web Services Architecture," June 18, 2003, O'Reilly Media, Inc., 5 pages.	<input type="checkbox"/>
	A15	"Web Services Architecture Overview," IBM, September 6, 2000, 7 pages.	<input type="checkbox"/>
	A16	"Web Services Architecture Using MVC Style," IBM, February 1, 2002, 6 pages.	<input type="checkbox"/>
	A17	"Global XML Web Services Architecture," White Paper, Microsoft Corporation, October 2001, 11 pages.	
	A18	Adams et al., "Best practices for Web services: Part 1, Back to the basics," http://www-106.ibm.com/developerworks/library/ws-best1/ , October 1, 2002, (6 pages)	
	A19	"IBM Patterns for E-business," , http://www-106.ibm.com/developerworks , June 3, 2003, (4 pages)	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application. ¹Applicant's unique citation designation number (optional).